



TRANSMITTAL FORM

Application Serial Number 09/887,201
Filing Date June 22, 2001
First Named Inventor Shepard
Group Art Unit 2824
Examiner Name S. T. Dinh
Attorney Docket No. NUP-004
Confirmation No. 7245
Issue Date Not applicable

ENCLOSURES (check all that apply)

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| <input type="checkbox"/> Fee Transmittal Form
<input type="checkbox"/> Check Attached
<input type="checkbox"/> Copy of Fee Transmittal Form | <input type="checkbox"/> Copy of Notice to File Missing Parts of Application
<input type="checkbox"/> Formal Drawing(s)
<input type="checkbox"/> Request For Continued Examination (RCE) Transmittal
<input type="checkbox"/> Associate Power of Attorney
<input type="checkbox"/> Terminal Disclaimer
<input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application
<input type="checkbox"/> Small Entity Statement
<input type="checkbox"/> CD(s) for large table or computer program
<input type="checkbox"/> Amendment After Allowance
<input type="checkbox"/> Request for Certificate of Correction
<input type="checkbox"/> Certificate of Correction (in duplicate) | <input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences
<input type="checkbox"/> Appeal Brief (in triplicate)
<input type="checkbox"/> Status Inquiry
<input checked="" type="checkbox"/> Return Receipt Postcard
<input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8
<input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8
<input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below) <ul style="list-style-type: none">• Response to Restriction Requirement |
| <input type="checkbox"/> Amendment and Response (3 pgs.)
<input type="checkbox"/> Preliminary
<input type="checkbox"/> After Final
<input type="checkbox"/> Affidavits/declaration(s)
<input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets ____]
<input type="checkbox"/> Petition for Extension of Time
<input type="checkbox"/> Information Disclosure Statement
<input type="checkbox"/> Form PTO-1449
<input type="checkbox"/> Copies of IDS Citations
<input type="checkbox"/> Certified Copy of Priority Document(s)
<input type="checkbox"/> Sequence Listing submission
<input type="checkbox"/> Paper Copy/CD
<input type="checkbox"/> Computer Readable Copy
<input type="checkbox"/> Statement verifying identity of above | | |

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SIGNATURE BLOCK

Date: July 27, 2004
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Respectfully submitted,

Steven J. Frank, Esq.
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PATENT

Attorney Docket No. NUP-004 (7959/6)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Shepard CONF. NO.: 7245
SERIAL NO.: 09/887,201 GROUP NO.: 2824
FILING DATE: June 22, 2001 EXAMINER: S. T. Dinh
TITLE: LOW COST HIGH DENSITY RECTIFIER MATRIX MEMORY

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO RESTRICTION REQUIREMENT

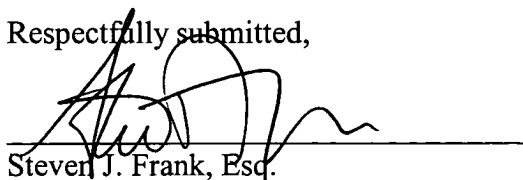
Sir:

This paper is in response to the Restriction Requirement, mailed from the U.S. Patent and Trademark Office on June 29, 2004, in connection with the above-identified patent application.

The Examiner has required Applicant to elect one of two perceived patentably distinct groups of claims: Group I (claims 1-5) and Group II (claims 6-11). Applicant hereby elects Group I (claims 1-5).

Applicant respectfully requests that the application now proceed promptly to examination. Applicant believes that no fee is necessitated by the present Response. In the event, however, that any fee is due, the Commissioner is hereby authorized to charge any such fee to Deposit Account No. 20-0531.

Respectfully submitted,



Steven J. Frank, Esq.
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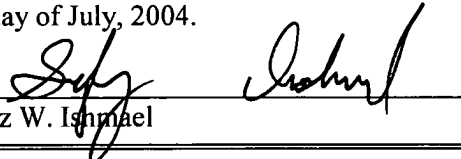
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Attorney Docket No.: NUP-004
(7959/6)

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CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to the Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 27 day of July, 2004.


Safraz W. Ishmael

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith are:

- 1) Transmittal Form (1 pg.);
- 2) Response to Restriction Requirement (1 pg.); and
- 3) Return receipt postcard.